said material.

A tissue adhesive patch, comprising: a mesh structure, said mesh structure including a polymer, and a material including a derivitized collagen, said mesh structure being encapsulated in

A tissue adhesive patch in accordance with claim 1, wherein said polymer is 2. selected from the group including nylon, polyester or polycarbonate.

A tissue adhesive patch, comprising: 3.

a structural component; and

a material including a derivatized collagen, said structural component being embedded in said material.

A tissue adhesive patch in accordance with claim 1 wherein a mesh structure, said mesh structure includes carbon or metal wire.

A tissue adhesive patch in accordance with claim 3, wherein said structural 5. component is substantially conductive.

A tissue adhesive patch in accordance with claim 3, wherein said structural 6. component includes a plurality of fibers.

A tissue adhesive patch in accordance with claim 6, wherein said plurality of fibers are coaligned.

8. A method of making a tissue adhesive patch comprising the steps of: providing a mold; 6 FIX

providing a derivatized collagen in said mold

heating said derivatized collagen in said mold;

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encapsulating a structural component in said derivatized collagen; and removing said derivized collagen and said encapsulated structural component from said mold.

- 9. A method in accordance with claim 8, wherein said structural component includes a mesh, said mesh including a polymer, carbon or metal wire.
- 10. A method in accordance with claim 8, wherein said structural component includes a plurality of fibers.
- 11. A method in accordance with claim 8, wherein said plurality of fibers are coaligned.

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